

1 (Y in pos 63) 63
M S M N N S K Q L V S P A A A L L S N T T
ATGTCCATGAACAATTCCAAACAGCTAGTGTCTCCTGCAGCTGCGCTTCTTTCAAACACAACG

64 143
C Q T E N R L S V F F S V I F M T V G I L S N S L A I
TGCCAGACGGAAACCGGCTTTCCGTATTTTTTTCAGTAATCTTCATGACAGTGGGAATCTTGTCAAACAGCCTTGCCAT

144 223
A I L M K A Y Q R F R Q K S K A S F L L L A S G L V I
CGCCATTCTCATGAAGGCATATCAGAGATTTAGACAGAAGTCCAAGGCATCGTTTCTGCTTTTGGCCAGTGGCCTGGTAA

224 303
T D F F G H L I N G A I A V F V Y A S D K E W I R F
TCACTGATTTCTTTGGCCATCTCATCAATGGAGCCATAGCAGTATTGTATATGCTTCTGATAAAGATGGATCCGCTTT

304 383
D Q S N V L C S I F G I C M V F S G L C P L L L G S V
GACCAATCAAATGTCCTTTGCAGTATTTTTGGTATCTGCATGGTGTCTTCTGGTCTGTGCCACTTCTTCTAGGCAGTGT

384 463
M A I E R C I G V T K P I F H S T K I T S K H V K M M
GATGGCCATTGAGCGGTGTATTGGAGTCACAAAACCAATATTTTCACTACGAAAATTACATCCAAACATGTGAAATGA

464 (R in pos 465) 543
L S G V C L F A V F I A L L P I L G H R D Y K I Q A
TCTTAAGTGGTGTGTGCTGTGCTGTTTTCATAGCTTTGCTGCCCATCCTTGACATCGAGACTATAAAATTCAGGCG

544 (R in pos 573) 623
S R T W C F Y N T E D I K D W E D R F Y L L L F S F L
TCGAGGACCTGGTGTGTTTCTACAACACAGAGACATCAAAGACTGGGAAGATAGATTTTATCTTCTACTTTTTCTTTTCT

624 703
G L L A L G V S L L C N A E T G I T L L R V K F K S Q
GGGGCTCTTAGCCCTTGGTGTTCATTGTGTGCAATGCAATCACAGGAATTACACTTTTAAGAGTTAAATTTAAAGTC

704 783
Q H R Q G R S H H L E M V I Q L L A I M C V S C I C
AGCAGCACAGACAAGGCAGATCTCATCTTTGGAATGGTAATCCAGCTCCTGGCGATAATGTGTGTCTCCTGTATTGT

784 797
W S P F L
TGGAGCCCATTTCTnnnnnn

798 873
V T M A N I G I N G N H S L E T C E T T L F A L R
nnnnGGTTACAATGGCCAACATTGGAATAAATGGAAATCATTCTCTGGAAACCTGTGAAACAACACTTTTTGCTCTCGA

874 953
M A T W N Q I L D P W V Y I L L R K A V L K N L Y K L
ATGGCAACATGGAATCAAATCTTAGATCCTTGGGTATATATTCTTCTACGAAAGGCTGTCTTAAGAATCTCTATAAGCT

954 1033
A S Q C C G V H V I S L H I W E L S S I K N S L K V A
TGCCAGTCAATGCTGTGGAGTGCATGTCATCAGCTTACATATTGGGAGCTTAGTCCCTTAAAAATTCCTTAAAGGTTG

1034 1080
A I S E S P V A E K S A S T ***
CTGCTATTTCTGAGTCACCAGTTGCAGAGAAATCAGCAAGCACCTAGcttaataggacagtaaatctgtg

FIGURE 1

1 56
 M S P C G P L N L S L A G E A T T C A
 ATGAGCCCTTGGGGCCCCCTCAACCTGAGCCTGGCGGGCGAGGCGACCACATGCGC

57 136
 A P W V P N T S A V P P S G A S P A L P I F S M T L G
 GCGCCCTGGGTCCCCAACACGTCGGCCGTGCCGCGTTCGGGGCGCTTCGCCCAGCTGCCATCTTCTCCATGACGCTGG

137 216
 A V S N L L A L A L L A Q A A G R L R R R R S A T T
 GCGCCGTGTCCAACCTGCTGGCGCTGGCGCTGCTGGCGCAGGCCGCGGGCGCCTGCGAGCCGCGCGCTCGGCCACCACC

217 296
 F L L F V A S L L A T D L A G H V I P G A L V L R L Y
 TTCTGCTGTTCGTGGCCAGCCTGCTGGCCACCGACCTGGCGGGCCAGGTGATCCCGGGCGCGCTGGTGTGCTGCTGTA

297 376
 T A G R A P A G G A C H F L G G C M V F F G L C P L L
 GACTGCGGGCGCGCTCCGGCCGCGGGGCGCTGCCACTTCCTGGGCGGCTGCATGGTCTTCTCGGCCTGTGCCCGCTGC

427 456
 L G C G M A V E R C V G V T R P L L H A A R V S V A
 TGCTGGGCTGTGGCATGGCCGTGGAGCGCTGCGTGGGCGTCACGCGGCGCTGCTCCAGCCGCGCGGCTCTGGTTCGCC

457 536
 R A R L A L A A V A A V A L A V A L L P L A R V G R Y
 CGCGCGCGCTGGCGCTGGCCGCGGTGGCGCGGTGGCCTTGGCGGTGGCGCTGCTGCCGCTGGCGCGCTGGGCGCGTA

537 616
 E L Q Y P G T W C F I G L G P P G G W R Q A L L A G L
 TGAGCTGCAGTACCCGGGCACGTGGTGTTCATCGGCCTGGGTCCCCCGGGCGGCTGGCGCCAGGCACTGCTTGTGGCC

617 696
 F A S L G L V A L L A A L V C N T L S G L A L H R A
 TCTTGGCCAGCCTCGGCCTGGTTCGCGCTCCTCGCCGCGCTGGTGTGCAACACGCTCAGCGGCCTGGCCCTGCTACGCGCC

697 776
 R W R R R S R R P P P A S G P D S R R R W G A H G P R
 CGCTGGCGAGCCCGCTCCCGACGGCCTCCCCCGGCCTCAGGCCCGACAGCCGCGCTGCTGGGGGGCGCGCGGACCCCG

777 856
 S A S A S S A S S I A S A S T F F G G S R S S S G S A R
 CTCGGCCTCGCCTCGTCCGCTCGTCCATCGCTTCGGCTCCACCTTCTTGGCGGCTCTCGGAGCAGCGGCTCGGCAC

857 936
 R A R A H D V E M V G Q L V G I M V V S C I C W S P
 GCAGAGCTCGCGCCACGACGTGGAGATGGTGGGCCAGCTTGTGGTATCATGGTGTGTCGTCATCTGCTGGAGCCCA

937 1016
 M L V L V A L A V G G W S S T S L Q R P L F L A V R L
 ATGCTGGTGTGGTGGCGCTGGCCGTGGCGGCTGGAGCTCTACCTCCCTGCAGCGGCCACTTCTTCTGGCCGTGGCGCT

1017 1096
 A S W N Q I L D P W V Y I L L R Q A V L R Q L L R L L
 TGCCTCCTGGAACAGATCCTGGACCCTTGGGTGTACATCCTACTGCGCCAGGCCGTGCTGCGCCAACCTGCTTCGCTCT

1097 1176
 P P R A G A K G G P A G L G L T P S A W E A S S L R
 TGCCCCGAGGGCCGGAGCCAAGGCGGGCCCGCGGGCTGGGCTAACACCGAGCGCCTGGGAGGCCAGCTCGCTGCGC

1177 1209
 S S R H S G L S H F ***
 AGCTCCCGGCACAGCGGCTCAGCCACTTCTAAgcacaaccagagccca

FIGURE 2

Ljo-2767

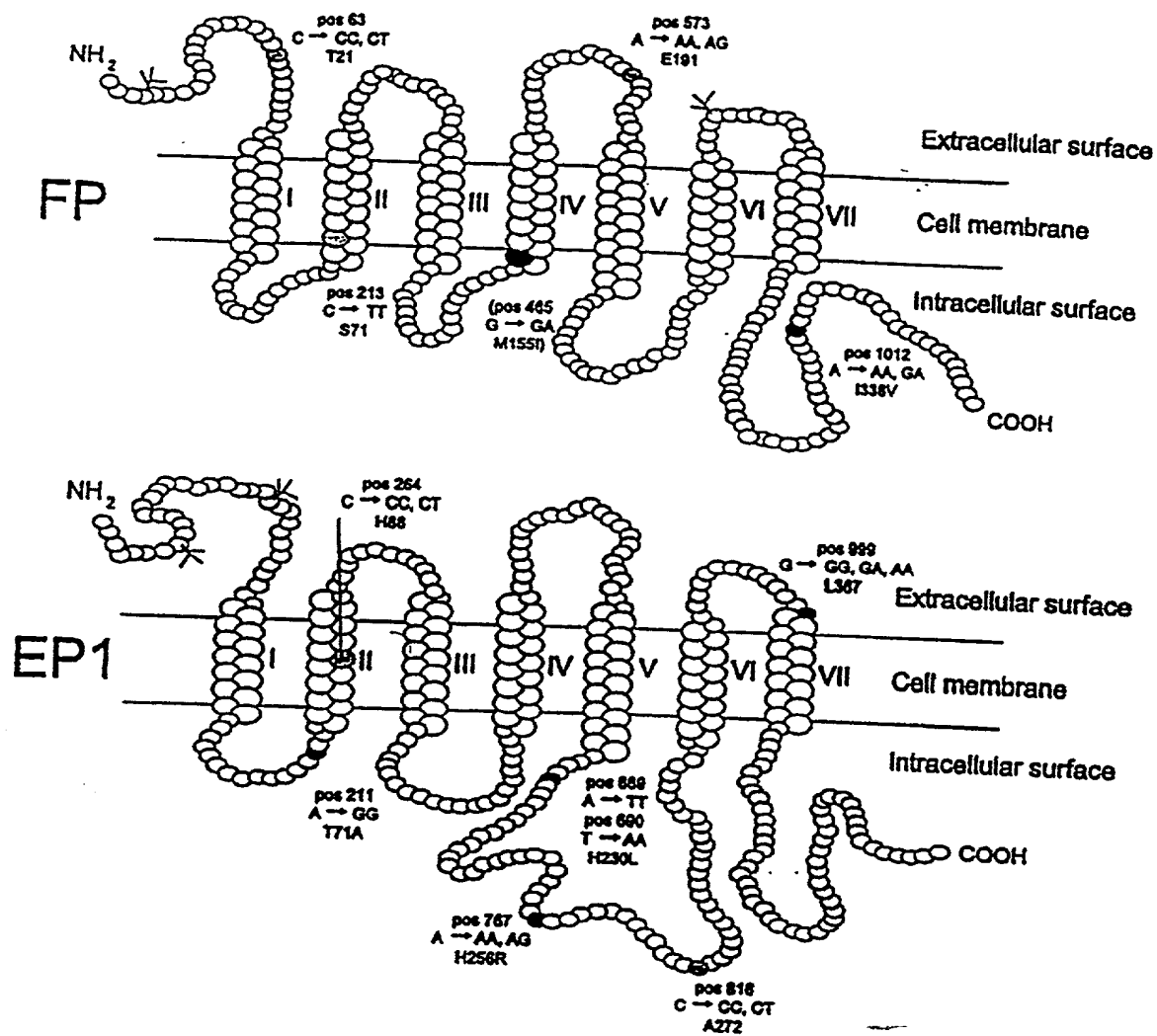


FIGURE 3